

Remarks

Claims 8 and 10 are amended. Claims 1 to 11 are pending in this application of which claims 1, 5, 10 and 11 are in independent form. Claims 1 to 7 and 11 are allowed.

Applicants' attorney thanks Examiner Fineman for providing a copy of the new reference, Ernstaff et al, on October 25, 2002 and especially for the opportunity to respond thereto.

The following will show that independent claim 10 patentably defines over the combination of Miyagi and Ernstaff et al.

Ernstaff et al discloses an LCD reflection display for providing a color image. The color image is formed by presenting the red color components of an entire image as various intensities on the face of a liquid crystal flap, followed by the green components and then by the blue components. Therefore, the color of the illuminating light or a filter through which the display is being viewed is synchronized with the color component of the image being presented on the face of the liquid crystal flat panel display (see Ernstaff et al, column 10, lines 35 to 45).

The applicants respectfully submit that Ernstaff et al provides no hint for that the brightness of a LCD reflection display can be increased by providing time-dependent sequential illumination using only a single color. Ernstaff et al only teaches illuminating the face of the liquid crystal sequentially with red and green and blue light.

Myagi et al relates to a surgical microscope but provides no

disclosure as to reflection displays.

In contrast to the combination of Miyagi and Ernsttholl et al, applicants' claim 10 incorporates the feature and limitation of:

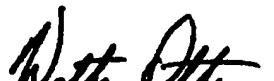
"... and said image display unit having a brightness increased by providing a time-dependent sequential illumination of said reflection display with only a single color" (emphasis added)

which places the applicants' invention well beyond the reach of our artisan exercising only ordinary skill so that claim 10 should now patentably distinguish the invention over the combination of Miyagi and Ernsthoff et al and be allowable.

Claims 8 and 9 are now dependent directly or indirectly from claim 1 so that they too should be allowable.

Reconsideration of the application is respectfully requested.

Respectfully submitted,



Walter Ottesen
Reg. No. 25,544

Walter Ottesen
Patent Attorney
P.O. Box 4026
Gaithersburg, Maryland 20885-4026

Phone: (301) 869-8950

Date: October 28, 2002

RECEIVED
NOV - 1 2002

TECHNOLOGY CENTER 2800

Version with Markings to Show Changes Made:In the Claims:

Please amend claims 8 and 10 as follows:

8. (Twice Amended) ~~A surgical microscope comprising: The surgical microscope of claim 1, wherein said image display unit includes~~

5 ~~a viewing unit for viewing an object and said viewing unit defining a viewing beam path;~~

~~an image projection module for inputting image data into said viewing unit;~~

10 ~~said image projection module including an image display unit for displaying said image data for transmission into said viewing unit; and,~~

~~said image display unit including a reflection display driven at a clock frequency and illuminated sequentially with different colors as a function of time.~~

10. (Twice Amended) ~~The surgical microscope of claim 8, wherein, the brightness of said image display unit is~~ A surgical microscope comprising:

5 a viewing unit for viewing an object and said viewing unit defining a viewing beam path;

an image projection module for inputting image data into said viewing unit;

10 said image projection module including an image display unit for displaying said image data for transmission into said viewing unit; and,

said image display unit including a reflection display

driven at a clock frequency and illuminated sequentially with different colors as a function of time and said image display unit having a brightness increased by providing a time-dependent sequential illumination of said reflection display with only a single color.